

Title (en)

AUTONOMOUS WATERING DEVICE, IN PARTICULAR FOR POTTED PLANTS

Title (de)

AUTONOME BEWÄSSERUNGSVORRICHTUNG, INSBESONDERE FÜR TOPFPFLANZEN

Title (fr)

DISPOSITIF D'IRRIGATION AUTONOME, NOTAMMENT POUR PLANTES EN POT

Publication

EP 3033940 B1 20170802 (FR)

Application

EP 15198327 A 20151208

Priority

FR 1462931 A 20141219

Abstract (en)

[origin: US2016174478A1] This device comprises: a main body (100, 400); a tip (200, 110) adapted to be stuck into a plant substrate; an end fitting (404) opening upward from the body, adapted to tightly and removably cooperate with an opening of a water tank (B), an axis of the end fitting being substantially aligned with a median axis of the tip; humidity detection elements (202a, 202b) provided on the tip; an irrigation control circuit (700) connected to said detection elements; and an irrigation valve (300) provided in the main body, adapted to control a circulation of water between the end fitting (404, 405) and a water outlet passage (406) in response to instructions coming from the irrigation control circuit.

IPC 8 full level

A01G 25/16 (2006.01); **A01G 27/00** (2006.01)

CPC (source: CN EP US)

A01G 27/003 (2013.01 - CN EP US); **A01G 27/006** (2013.01 - CN); **A01G 27/008** (2013.01 - US); **A01G 27/02** (2013.01 - US)

Cited by

US10206343B2; WO2019097038A1

Designated contracting state (EPC)

AL AT BE BG CH CY CZ DE DK EE ES FI FR GB GR HR HU IE IS IT LI LT LU LV MC MK MT NL NO PL PT RO RS SE SI SK SM TR

DOCDB simple family (publication)

EP 3033940 A1 20160622; **EP 3033940 B1 20170802**; CN 105706866 A 20160629; FR 3030186 A1 20160624; FR 3030186 B1 20161230; JP 2016127826 A 20160714; US 2016174478 A1 20160623

DOCDB simple family (application)

EP 15198327 A 20151208; CN 201510958653 A 20151218; FR 1462931 A 20141219; JP 2015246908 A 20151218; US 201514950971 A 20151124